

Amendments to the Specification:

[0007] This object and others to become apparent as the specification progresses, are accomplished by the invention, according to which, briefly stated, the slide ring seal assembly includes a slide ring having an axially extending annular leg. The leg has radially outer and radially inner circumferential surfaces and a free axial end surface. A plurality of circumferentially spaced recesses are provided in the leg ~~at and extend axially inward from~~ the free axial end surface thereof. Each recess extends from the radially outer surface to the radially inner surface. An annular sealing body surrounds the leg and is seated thereon. Circumferentially spaced, radially inward-oriented extensions forming part of the annular sealing body and projecting into respective recesses are provided in the leg for effecting a form-locking connection between the slide ring and the annular sealing body.

[0008] The invention overcomes the above-discussed mechanical disadvantages by virtue of the fact that the ~~outer ends~~ free axial end surface of the axial ~~legs~~ leg ~~have~~ has recesses which reach from the radially outer surface to the radially inner surface, and the radially inwardly-oriented extensions formed on the trapezoidal sealing body are received in the recesses. As a result, the trapezoidal sealing body is prevented from shifting in the circumferential direction. The recesses are so dimensioned that even in the case of an unavoidable axial twisting of the sealing body, a radially sufficient overlap is preserved to prevent a rotary motion of the sealing body. Primarily, however, the recesses and the extensions inserted therein serve for transmitting the frictional torques which are generated. In addition to the frictional transmission of the friction torques, the latter are also transmitted by a form fit. A turning of the sealing body (~~sealing ring~~) relative to the sliding slide ring is thus not possible.

[0015] Figure 1 shows a slide ring seal assembly 1 having cross-sectionally trapezoidal annular sealing bodies 2, 3 and cross-sectionally angled (L-shaped) slide rings 4 and 5. The slide rings 4 and 5 have axially ~~oriented~~ extending annular legs 6, 7, ~~which, at their outer ends 8 and 9~~ The axially extending annular legs 6, 7 are provided with recesses 10 and 11 which extend from the radially outer circumferential surface 12 to the radially inner circumferential surface 13 of the respective legs 6, 7. The recesses 10 and 11 further extend

axially inward from free axial end surfaces 8 and 9 of the legs 6, 7. The sealing bodies 2, 3 have, in the region of the recesses 10[,,] and 11, radially inward oriented extensions 14, 15 which are received by the respective recesses 10 and 11.